

1383-21
**TERRITORIAL
REPRESENTATIVES**

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614 Garrett Building
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CHICAGO SALES OFFICE
600 West Jackson Blvd.

NEW YORK SALES OFFICE
New York Central Building
230 Park Ave. at 46th Street

CURTIS LIGHTING OF CANADA, LTD.
260 Richmond Street West
Toronto, Ontario

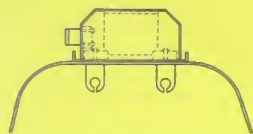
Curtis Lighting for

**VITAL
INDUSTRY**



CURTIS LIGHTING, INC.

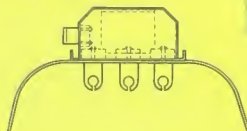
6135 W. 65TH STREET CHICAGO, ILLINOIS



NO. 1506



CAT. NO.
1507



"Fluracite"
NON-METALLIC REFLECTOR
INDUSTRIAL EQUIPMENT
FOR 2 OR 3—40 WATT LAMPS OR
2—100 WATT LAMPS

"TOPS" FOR LIGHTING GENERAL FACTORY OR INSPECTION AREA

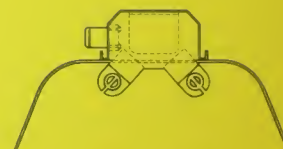
"FLURATEX" REFLECTORS are made of hard, durable wood fibre composition material $\frac{1}{8}$ " thick. They are rigid, chip-proof and guaranteed to give first class performance. Finished baked gray enamel outside and Fluracite (white) inside. The edges and corners of the reflector are rounded.

MAINTENANCE DETAILS: Metal channel holds ballast equipment, sockets and lamp starters. Starters are easily accessible at the end of one side of each channel section. Easy to clean. (See page 3).

CONTROL EQUIPMENT: Fixtures are furnished wired. Two-lamp units include

two-lamp High Power Factor ballast (power factor 95-100). Three lamp 40 watt units have a three-lamp ballast (power factor 90% or better). Bears Underwriters' Laboratories Label.

SUSPENSION: Units can be suspended with chain or conduit or on canopy hanger. See page 7.



NO. 1508

Lamps		Catalog No.		Total Wattage With Ballast	Starters Included*	Overall			Channel			Reflector			
No.	Size	Wired 110-125V	Wired 220-250V			Length	Width	Height	Material	Length	Width	Finish	Length	Width	Reflecting Surface
2	48"-40W	1506-C	1506-D	96	FS-4	48"	13 ³ / ₄ "	7"	Steel	48"	7"	Gray	48"	13 ³ / ₄ "	Fluracite
3	48"-40W	1507-C	1507-D	143	FS-4	48"	13 ³ / ₄ "	7"	Steel	48"	7"	Gray	48"	13 ³ / ₄ "	Fluracite
2	60"-100W	1508-C	1508-D	232	FS-64	60"	16 ³ / ₄ "	8 ¹ / ₄ "	Steel	60"	7"	Gray	60"	16 ³ / ₄ "	Fluracite

*"No Blink" starter FS-4 NB or FS-6 NB can be furnished with these units at slight extra cost.

CURTIS RETAIL PRICES

These Prices Apply to Equipment Described in SERIAL 2130

PRICE
SHEET
2142
ISSUED
OCTOBER 26, 1942

Catalog No.	Cat. Page No.	Retail Price R	Appr. Ship. Wt. Std. Pkg.
46	11	.25	3
588	9	8.75	10
588-R	9	6.65	4
588-T	9	9.27	4
589	8	16.20	4
589-R	8	12.15	4
589-T	8	20.15	4
624	7	3.55	1
625	7	5.35	1
895-C	12	18.00	1
940-C 4'	11	30.10	1
940-C 8'	11		44
940-C 12'	11	45.45	1
940-C 16'	11	57.55	1
940-C 20'	11	72.90	1
940-C 24'	11	85.00	1
940-C 28'	11	100.35	1
940-C 32'	11	112.45	1
940-C 36'	11	127.80	1
940-C 40'	11	139.90	1
940-C 44'	11	155.25	1
940-C 48'	11	167.35	1
942-C 4'	11	14.65	1
942-C 8'	11	26.10	1
942-C 12'	11	40.70	1
942-C 16'	11	52.15	1
942-C 20'	11	66.75	1
942-C 24'	11	78.20	1
942-C 28'	11	92.80	1
942-C 32'	11	104.25	1
942-C 36'	11	118.85	1
942-C 40'	11	130.30	1
942-C 44'	11	144.90	1
942-C 48'	11	156.35	1
944-C 4'	11	16.80	1
944-C 8'	11	28.15	1
944-C 12'	11	42.85	1
944-C 16'	11	54.20	1
944-C 20'	11	68.90	1
944-C 24'	11	80.25	1
944-C 28'	11	94.95	1
944-C 32'	11	106.30	1
944-C 36'	11	121.00	1
944-C 40'	11	132.35	1
944-C 44'	11	147.05	1
944-C 48'	11	158.40	1
946-C 4'	11	13.95	1
946-C 8'	11	24.70	1
946-C 12'	11	38.45	1
946-C 16'	11	49.20	1
946-C 20'	11	62.95	1
946-C 24'	11	73.70	1
946-C 28'	11	87.45	1
946-C 32'	11	98.20	1
946-C 36'	11	111.95	1
946-C 40'	11	122.70	1
946-C 44'	11	136.45	1
946-C 48'	11	147.20	1
948-C 4'	11	17.70	1
948-C 8'	11	29.40	1
948-C 12'	11	44.35	1
948-C 16'	11	56.05	1
948-C 20'	11	71.00	1
948-C 24'	11	82.70	1

Catalog No.	Cat. Page No.	Retail Price R	Appr. Ship. Wt. Std. Pkg.
948-C 28'	11	97.65	1
948-C 32'	11	109.35	1
948-C 36'	11	124.30	1
948-C 40'	11	136.00	1
948-C 44'	11	150.95	1
948-C 48'	11	162.65	1
950-C 4'	11	14.20	1
950-C 8'	11	25.30	1
950-C 12'	11	39.45	1
950-C 16'	11	50.55	1
950-C 20'	11	64.70	1
950-C 24'	11	75.80	1
950-C 28'	11	89.95	1
950-C 32'	11	101.05	1
950-C 36'	11	115.20	1
950-C 40'	11	126.30	1
950-C 44'	11	140.45	1
950-C 48'	11	151.55	1
972-C	12	31.65	1
1020	12	15.60	1
* 1020-X5	12	15.00	5
1024	12	25.35	1
1400	12	58.95	1
1506-C	2	16.00	1
1506-D	2	16.00	1
1507-C	2	21.00	1
1507-D	2	20.75	1
1508-C	2	27.35	1
1508-D	2	27.35	1
1540-Z	3	16.10	1
1550-Z	3	28.95	1
** 1566-C2	5		56
** 1566-C3	5		
** 1566-C4	5		
** 1566-C5	5		
** 1566-C6	5		
** 1566-C7	5		
** 1566-C8	5		
** 1566-C9	5		
** 1566-C10	5		
** 1566-C11	5		
** 1566-C12	5		
** 1566-C13	5		
** 1566-C14	5		
** 1566-C15	5		
** 1566-C16	5		
** 1566-C17	5		
** 1566-C18	5		
** 1566-C19	5		
** 1566-C20	5		
** 1566-C21	5		
** 1566-C22	5		
** 1566-C23	5		
** 1566-C24	5		
** 1567-C2	5		
** 1567-C3	5		
** 1567-C4	5		
** 1567-C5	5		
** 1567-C6	5		
** 1567-C7	5		
** 1567-C8	5		
** 1567-C9	5		
** 1567-C10	5		
** 1567-C11	5		

* Same as Cat. No. 1020 but packed 5 to the carton.
** Prices on Application.

Curtis Retail Price Schedule

ALL PRICES ARE NET EACH ITEM

Catalog No.	Cat. Page No.	Retail Price R	Shd. Pkg.	Appr. Wt. Shd. Pkg.
** 1567-C12	5			
** 1567-C13	5			
** 1567-C14	5			
** 1567-C15	5			
** 1567-C16	5			
** 1567-C17	5			
** 1567-C18	5			
** 1567-C19	5			
** 1567-C20	5			
** 1567-C21	5			
** 1567-C22	5			
** 1567-C23	5			
** 1567-C24	5			
** 1568-C2	5			
** 1568-C3	5			
** 1568-C4	5			
** 1568-C5	5			
** 1568-C6	5			
** 1568-C7	5			
** 1568-C8	5			
** 1568-C9	5			
** 1568-C10	5			
** 1568-C11	5			
** 1568-C12	5			
** 1568-C13	5			
** 1568-C14	5			
** 1568-C15	5			
** 1568-C16	5			
** 1568-H2	5			
** 1568-H4	5			
** 1568-H6	5			
** 1568-H8	5			
** 1568-H10	5			
** 1568-H12	5			
** 1568-H14	5			
** 1568-H16	5			
** 1568-H18	5			
** 1568-H20	5			
** 1570	10	25.75	1	30
1588	9	13.75	4	50
1589	8	23.65	4	100
1661-C	12	39.90	1	55
5090	12	23.10	1	12
5095	12	35.00	1	20
6489	8.9	6.60	1	7
10658	3.7	.55	1	1
14519	9	2.45	1	8

** Prices on Application.

Curtis Lighting, Inc.

Main Office: 6135 West 65th St., Chicago

New York Office: 230 Park Ave.

REPRESENTATIVES IN ALL PRINCIPAL CITIES

PRICE SHEET 2142

FLURACITE REFLECTING SURFACE

The secret of the high efficiency of the new Curtis units is in the Fluracite reflecting surface. Fluracite is the white baked synthetic reflecting surface which has been successfully used on most Curtis Fluorescent Lighting equipment for over 3½ years. It is tough, elastic, resistant to peeling and checking.

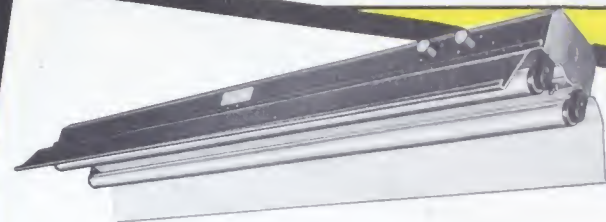
EASILY CLEANED

Fluracite is well suited to the new reflector material and is easily and safely cleaned with soap and water or any of the more commonly used cleaners such as washing soda, naphtha, ammonia or tri-sodium phosphate. **Fluracite is guaranteed** and if in any instance a Fluracite reflector is found to deteriorate under proper use it will be refinished without charge.

HIGH REFLECTION FACTOR

Fluracite possesses high reflectivity (81% or more) and is particularly suited to use on reflectors for fluorescent lamps.

There is no change in color with use. Fluracite is very resistant to heat and its reflectivity is not injured by acid fumes.



**Also AVAILABLE WITH STEEL
REFLECTORS WHILE STOCK LASTS**

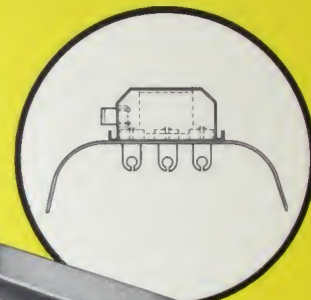
This is the same steel channel as used with the Non-Metallic reflectors, and is similar in every way except the reflector. Reflectors are steel finished baked gray enamel outside and white Fluracite inside. These units are completely wired and can be coupled together by means of standard coupling, Catalog No. 10658.

CATALOG NO.	DESCRIPTION
1540-Z	Complete wired unit for 2 40-watt lamps with steel reflector with open ends as illustrated. Lamps not furnished.
1550-Z	Complete wired unit for 2 100-watt lamps with steel reflector and open ends. Lamps not furnished.

Continuous "Fluratex"
**(NON-METALLIC)
 REFLECTOR UNITS**

for 2 or 3 40-watt or 2 100-watt
 lamps per section. Also single units

BEARS UNDERWRITERS LABORATORIES LABEL



GENERAL DESCRIPTION: Channel is made of steel, finished gray outside. Units for 40-watt lamps are 48" long, 13 $\frac{3}{4}$ " wide and 7" high. The unit for 100-watt lamps is 60" long, 16 $\frac{3}{4}$ " wide and 8 $\frac{1}{4}$ " high. "Fluratex" reflectors are made of hard, durable wood fibre composition material $\frac{1}{4}$ " thick. These reflectors are rigid, chip-proof and guaranteed to give first class performance. Finished baked gray enamel outside and Fluracite reflecting surface. The edges and cor-

ners of the reflector are rounded. They are easily removed for access to ballast, wiring and sockets.

WIRING: Two lamp 40-watt units are wired with two-lamp high power factor ballasts. For continuous runs of 2-40 watt lamp units, sections rigidly and permanently connected in 8'-0" lengths, and are wired with two lamp high power factor ballasts.

For continuous runs of 3-40 watt lamp units, sections are rigidly and perma-

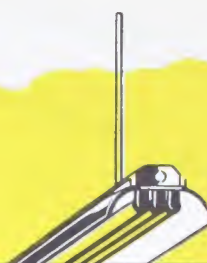
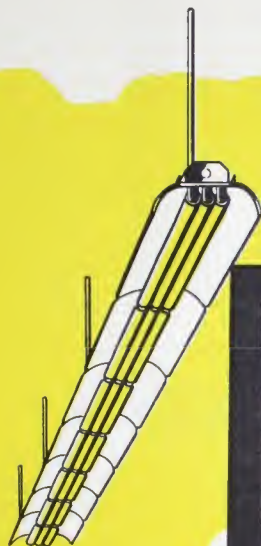
nently connected and wired in 8'-0" lengths with high power factor ballasts. For continuous 2-100 watt lamp units, sections are rigidly and permanently connected and wired in 10'-0" lengths with one 2-100 watt ballast in each section. For circuit voltages, of 250-280 volts, 60 cycles, a single four lamp ballast in each 10 ft. section is used.

ORDERING. Cat. No. followed by the number of units required, will serve

to order a complete run wired in sections ready for assembly.

For example—Cat. No. 1566-C6 will order a run consisting of six 2-40 watt lamp units. 3-40 watt lamp runs can be ordered in the same manner, using Catalog No. 1567-C. 2-100-watt lamp runs could be ordered similarly using Catalog No. 1568-C.

A complete unit for 4-100 watt lamps for 250-280 volts is Catalog No. 1568-H2.



CONTINUOUS FIXTURES

FOR TWO 40-WATT LAMPS PER SECTION

Wired 110-125-Volts, including ballasts and FS4 starters* (Less Lamps)

No. of Sections	Cat. No.	Lamps Req'd.	Total Watts**	Overall Length
1	1506-C	2 40-watt	95 $\frac{1}{2}$	4'
2	1566-C2	4 40-watt	191	8'
3	1566-C3	6 40-watt	286 $\frac{1}{2}$	12'
4	1566-C4	8 40-watt	382	13'
5	1566-C5	10 40-watt	477 $\frac{1}{2}$	20'
6	1566-C6	12 40-watt	573	24'
7	1566-C7	14 40-watt	668 $\frac{1}{2}$	28'
8	1566-C8	16 40-watt	764	32'
9	1566-C9	18 40-watt	859 $\frac{1}{2}$	36'
10	1566-C10	20 40-watt	955	40'
11	1566-C11	22 40-watt	1050 $\frac{1}{2}$	44'
12	1566-C12	24 40-watt	1146	48'
13	1566-C13	26 40-watt	1241 $\frac{1}{2}$	52'
14	1566-C14	28 40-watt	1337	56'
15	1566-C15	30 40-watt	1432 $\frac{1}{2}$	60'
16	1566-C16	32 40-watt	1528	64'
17	1566-C17	34 40-watt	1623 $\frac{1}{2}$	68'
18	1566-C18	36 40-watt	1719	72'
19	1566-C19	38 40-watt	1814 $\frac{1}{2}$	76'
20	1566-C20	40 40-watt	1910	80'
21	1566-C21	42 40-watt	2005 $\frac{1}{2}$	84'
22	1566-C22	44 40-watt	2101	88'
23	1566-C23	46 40-watt	2196 $\frac{1}{2}$	92'
24	1566-C24	48 40-watt	2292	96'

FOR THREE 40-WATT LAMPS PER SECTION

Wired 110-125-Volts, including ballasts and FS4 starters* (Less Lamps)

No. of Sections	Cat. No.	Lamps Req'd.	Total Watts**	Overall Length
1	1507-C	3 40-watt	143	4'
2	1567-C2	6 40-watt	286 $\frac{1}{2}$	8'
3	1567-C3	9 40-watt	429 $\frac{1}{2}$	12'
4	1567-C4	12 40-watt	573	16'
5	1567-C5	15 40-watt	716	20'
6	1567-C6	18 40-watt	859 $\frac{1}{2}$	24'
7	1567-C7	21 40-watt	1002 $\frac{1}{2}$	28'
8	1567-C8	24 40-watt	1146	32'
9	1567-C9	27 40-watt	1289	36'
10	1567-C10	30 40-watt	1432 $\frac{1}{2}$	40'
11	1567-C11	33 40-watt	1575 $\frac{1}{2}$	44'
12	1567-C12	36 40-watt	1719	48'
13	1567-C13	39 40-watt	1862	52'
14	1567-C14	42 40-watt	2005 $\frac{1}{2}$	56'
15	1567-C15	45 40-watt	2148 $\frac{1}{2}$	60'
16	1567-C16	48 40-watt	2292	64'
17	1567-C17	51 40-watt	2435	68'
18	1567-C18	54 40-watt	2578 $\frac{1}{2}$	72'
19	1567-C19	57 40-watt	2721 $\frac{1}{2}$	76'
20	1567-C20	60 40-watt	2865	80'
21	1567-C21	63 40-watt	3008	84'
22	1567-C22	66 40-watt	3151 $\frac{1}{2}$	88'
23	1567-C23	69 40-watt	3294 $\frac{1}{2}$	92'
24	1567-C24	72 40-watt	3438	96'

FOR TWO 100-WATT LAMPS PER SECTION

Wired 110-125-Volts, including ballasts and FS64 starters* (Less Lamps)

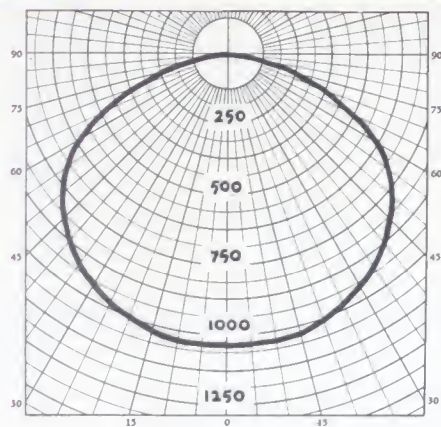
No. of Sections	Cat. No.	Lamps Req'd.	Total Watts**	Overall Length
1	1508-C	2 100-watt	232	5'
2	1568-C2	4 100-watt	464	10'
3	1568-C3	6 100-watt	696	15'
4	1568-C4	8 100-watt	928	20'
5	1568-C5	10 100-watt	1160	25'
6	1568-C6	12 100-watt	1392	30'
7	1568-C7	14 100-watt	1624	35'
8	1568-C8	16 100-watt	1856	40'
9	1568-C9	18 100-watt	2088	45'
10	1568-C10	20 100-watt	2320	50'
11	1568-C11	22 100-watt	2552	55'
12	1568-C12	24 100-watt	2784	60'
13	1568-C13	26 100-watt	3016	65'
14	1568-C14	28 100-watt	3248	70'
15	1568-C15	30 100-watt	3480	75'
16	1568-C16	32 100-watt	3712	80'

Wired 250-280 Volts including ballasts and FS64 starters* (Less Lamps)

No. of Sections	Cat. No.	Lamps Req'd.	Total Watts**	Overall Length
2	1568-H2	4 100-watt	436	10'
4	1568-H4	8 100-watt	872	20'
6	1568-H6	12 100-watt	1308	30'
8	1568-H8	16 100-watt	1744	40'
10	1568-H10	20 100-watt	2180	50'
12	1568-H12	24 100-watt	2616	60'
14	1568-H14	28 100-watt	3052	70'
16	1568-H16	32 100-watt	3488	80'
18	1568-H18	36 100-watt	3924	90'
20	1568-H20	40 100-watt	4360	100'

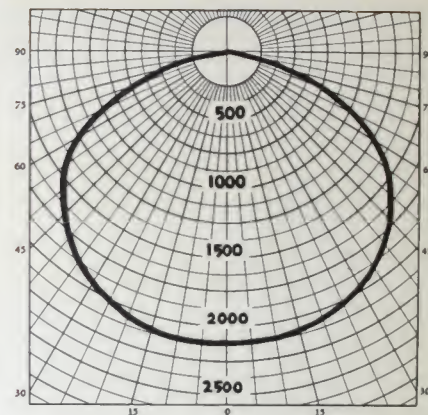
*No Blink starters FS-4 NB or FS-6 NB can be furnished at slight extra cost.
THESE UNITS ALSO AVAILABLE WIRED FOR 220-250 VOLTS





1506-C

Fluorescent INDUSTRIAL LIGHTING UNITS ILLUMINATION DATA



1508-C

2—40 WATT LAMPS

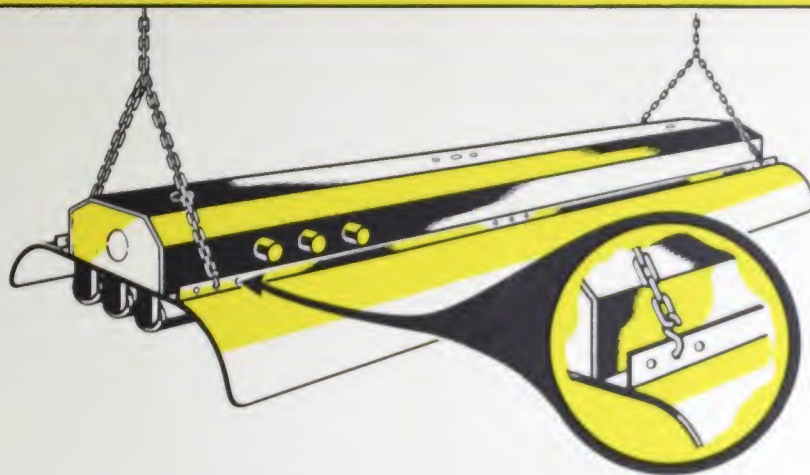
COEFFICIENTS OF UTILIZATION									
Ceiling	75%			50%			30%		
Walls	50%	30%	10%	50%	30%	10%	50%	30%	10%
Room Index	J	38	32	28	37	32	28	32	28
	I	47	42	39	46	41	38	41	38
	H	51	47	44	50	47	44	46	44
	G	55	51	48	54	51	48	49	48
	F	59	55	51	57	53	51	53	51
	E	64	60	57	62	59	57	58	57
	D	68	65	62	66	64	61	63	61
	C	70	67	64	68	66	64	65	63
	B	73	70	68	71	69	67	68	66
A	75	72	70	73	70	69	70	68	

3—40 WATT LAMPS

COEFFICIENTS OF UTILIZATION									
Ceiling		75%			50%			30%	
Walls		50%	30%	10%	50%	30%	10%	50%	30%
Room Index	J	37	33	30	37	33	30	33	30
	I	46	42	40	45	42	39	42	39
	H	50	47	45	50	47	45	46	45
	G	54	51	49	53	51	49	49	48
	F	57	54	51	55	53	51	52	51
	E	61	59	56	60	58	55	57	55
	D	65	62	60	64	61	60	61	58
	C	67	64	61	65	62	61	62	61
B	69	67	65	67	65	64	65	64	
A	71	68	66	69	67	65	66	65	

2—100 WATT LAMPS

COEFFICIENTS OF UTILIZATION									
Ceiling	75%			50%			30%		
Walls	50%	30%	10%	50%	30%	10%	30%	10%	
Room Index	J	39	33	29	38	33	29	32	29
	I	48	43	40	47	42	39	42	39
	H	53	49	45	51	48	45	47	45
	G	57	53	49	56	52	49	51	49
	F	60	56	53	59	55	52	54	52
	E	65	62	58	64	61	58	60	58
	D	70	66	63	68	66	63	65	63
	C	72	69	66	70	67	66	66	65
	B	75	72	70	73	71	69	70	68
	A	77	74	72	75	72	71	71	70



SUSPENDING CONTINUOUS LINES

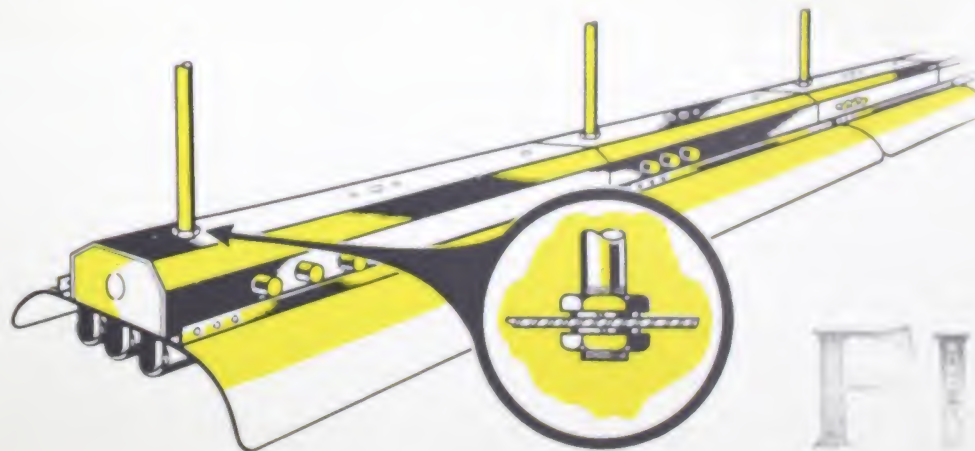
Catalog Nos. 1566, 1567, 1568 can be suspended in several ways. No hangers or chains are regularly furnished with these units.

For conduit suspension, two $\frac{1}{8}$ " knockouts on 36" centers are provided on the channel top. There is an additional $\frac{1}{8}$ " knockout at the center of the channel. For chain suspension, holes in a flange along the side of the channel are provided.

For suspension from finished ceiling, Catalog No. 624, single stem hanger, may be used. This hanger is 36" long, finished Satin Gray.

SUSPENDING INDIVIDUAL UNITS

Catalog Nos. 1506, 1507, 1508 and Nos. 1540-Z and 1550-Z may be suspended in three ways. For conduit suspension two $\frac{1}{8}$ " knockouts on 36" centers are provided. For chain suspension there is a flange along the sides of the channel which is provided with sets of holes. For suspension of the two 40-watt lamp unit from finished ceiling with canopy hanger, two $\frac{1}{8}$ " knockouts on 7 $\frac{1}{2}$ " centers are provided to accommodate Catalog No. 625, two-stem hanger. This hanger is 36" long, finished Satin Gray. Where two or more of these units are coupled together (with No. 10658 coupling), any of the methods used for suspending continuous runs (see above) may be used.



X-Ray

SILVER MIRROR GLASS REFLECTOR UNITS

for

INCANDESCENT AND MERCURY LAMPS



For 750-, 1000-, 1500-watt P. S. Lamp or 400-watt Mercury Vapor Lamp

These large wattage units employ a newly designed "X-Ray" Silver Mirror Reflector for high or medium mounting installations where high intensity and uniform distribution of light on the working plane are essential. Light is directed downward and is not lost on upper walls or ceiling. For uniform distribution of light the spacing of these reflector units should not exceed 1.4 times the mounting height above the working plane. Glass reflector only is Catalog No. 589-R. It is 16" in diameter and is included in Catalog Nos. 589, 589-T and 1589 units.

The high values in the Coefficient of Utilization charts reveal the high efficiency of these units which is due to the accurate design and control made possible by silvered glass.

No. 589-T includes 589-R reflector, socket and special tripod holder with bottom supporting ring as illustrated above.

When very high intensities are required or when a combination of Mazda and Mercury is desired, two 589, 589-T or 1589 units can be mounted together as illustrated by means of Catalog No. 9489 Duplex Hanger. Standard Satin Gray. This hanger may be supported from pipe, trussing or from legs included with reflector units.



No. 589 reflector unit consists of an "X-Ray" Silver Mirror Glass Reflector with combination socket-husk and reflector holder. Socket is included and unit is provided with a loop fitting for easy installation, or loop can be discarded for mounting directly on $\frac{1}{2}$ " conduit. Height of unit to top of socket husk is $17\frac{1}{2}$ ".

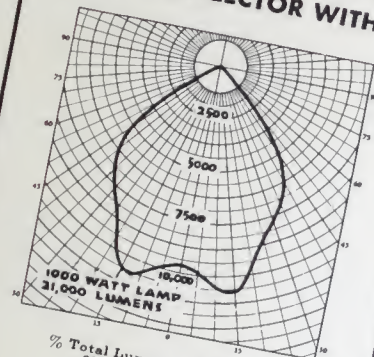


No. 1589 reflector unit consists of an "X-Ray" Silver Mirror Glass Reflector with porcelain socket and metal housing finished Satin Gray. Unit is provided with a loop fitting for easy installation, or loop can be discarded for mounting directly on $\frac{1}{2}$ " conduit. Height of unit to top of socket husk is $17\frac{1}{2}$ ".



ILLUMINATION DATA

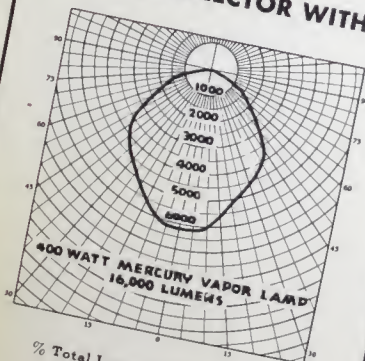
No. 589 REFLECTOR WITH 1000 WATT INCANDESCENT LAMP



% Total Lumens of Bare Lamp
 0°-60° Zone 79.5
 0°-90° Zone 80.6
 0°-180° Zone 81.9

C O E F F I C I E N T S									
Ceiling		75%			50%			30%	
Room Index		50	30	10	50	30	10	30	10
J		47	45	42	45	44	42	44	41
I		56	53	52	54	53	51	52	50
H		60	59	58	58	57	57	57	56
G		64	63	62	62	61	60	61	59
F		67	65	64	64	63	62	63	61
E		69	68	67	68	67	65	66	65
D		73	71	70	71	70	69	69	68
C		75	73	71	73	71	70	70	69
B		76	74	73	74	72	71	71	70
A		77	76	74	75	73	72	72	71

No. 589 REFLECTOR WITH 400 WATT MERCURY VAPOR LAMP



% Total Lumens of Bare Lamp
 0°-60° Zone 72.8
 0°-90° Zone 80.1
 0°-180° Zone 81.2

C O E F F I C I E N T S									
Ceiling		75%			50%			30%	
Room Index		50	30	10	50	30	10	30	10
J		45	42	40	44	41	39	41	39
I		54	51	50	52	50	49	50	47
H		58	56	55	56	55	54	55	53
G		62	60	59	60	59	57	58	57
F		65	63	61	63	61	59	61	59
E		69	67	65	67	65	64	64	63
D		73	70	68	70	69	67	68	67
C		74	72	69	72	70	69	69	68
B		75	73	72	73	71	70	70	69
A		76	74	73	74	73	71	72	70

NO. 588 REFLECTOR

For 500- or 300-watt P. S. Lamp or 400-watt Mercury Vapor Lamp



One of the most efficient and satisfactory reflectors ever designed for general lighting.

No. 588 reflector unit includes Silver Mirror Reflector, holder, porcelain socket and metal shell with back outlet.

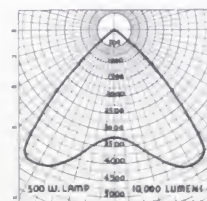
Tapped for 1/2" conduit with 1/2" to 3/8" reducer. Reflector only is Cat. No. 588R.

Catalog No. 588-T consists of No. 588R reflector with socket and tripod holder including supporting ring at bottom of reflector.

Catalog No. 1588 consists of No. 588R reflector, socket, etc., with steel housing finished Satin Gray; as illustrated.

For Coefficients of Utilization for No. 588 (also 588-T and 1588), with incandescent lamp use the coefficient chart for 589. For good distribution of light the spacing of these reflector units should not exceed 1.5 times the mounting height above the working plane.

Duplex Hanger No. 6489 can be used with any of above units. Wire guard for bottom of No. 1588 is No. 14519.



% Total Lumens of Bare Lamp
 0°-60° Zone 83
 0°-90° Zone 83
 0°-180° Zone 83



NO. 588



NO. 588T

3KW Mercury Lamp INDUSTRIAL UNIT FOR MAZDA AH-9 LAMP CATALOG NO. 1570



Approximate initial lumens of lamp
120,000. Rated life 2,000 hours.

Crosswise shielding louvers may be
desired for certain applications. Data and
prices on request.

COEFFICIENTS OF UTILIZATION

CAT. NO. 1570

Ceiling	75%			50%			30%		
	50	30	10	50	30	10	30	10	
Walls	%	%	%	%	%	%	%	%	
Room Index	J	38	32	28	37	31	28	31	27
	I	46	42	38	45	41	38	41	37
	H	51	47	44	49	46	43	46	43
	G	55	51	48	53	50	47	49	46
	F	58	54	51	56	53	50	52	50
	E	63	59	57	61	58	56	58	56
	D	66	64	62	64	63	61	62	61
	C	69	66	63	67	65	62	64	62
	B	72	69	67	70	68	66	67	65
	A	74	71	69	72	70	68	69	67

means low lighting installation cost and low maintenance.

Unit is heavy gauge steel reflector 60" long, 12 1/4" wide and 6 1/2" high. Hooks or supports for conduit are on 54" centers. Inside of reflector is finished with two coats of white porcelain enamel and the outside with one black ground coat. Transformer and lamp not included.

Transformer can be installed in any convenient location, not necessarily adjacent to the lamp. Transformers are available for 60 cycle current, primary voltages 230, 460 or 575 volts.

This unit is designed for high intensity general illumination of factory working space and similar interiors having high ceilings. In general, mounting heights of less than 40 feet are not recommended. For good distribution of light the spacing of 1570's should not exceed 1.5 times the mounting height above the working plane. In most cases one unit per bay is sufficient. This



Fluorescent CURTISTrip

EASILY INSTALLED
EASILY MAINTAINED
HIGHLY EFFICIENT
ECONOMICAL

SINGLE LAMP CONTINUOUS
LUMINAIRES CUSTOM-TAILED
TO A THOUSAND LIGHTING NEEDS



Over benches or inspection tables in the factory, over drawing boards in the drafting room, over desks and files in the office, and for general lighting—Fluorescent CurtiStrip has answered a thousand lighting problems. Low installation and maintenance cost recommend it to the careful buyer. Continuous fixtures mean quick, easy installation and low wiring costs. The Fluoracite reflecting surface of the reflector is efficient and easily cleaned. Two types are available:

Decorative fixtures have shaped and ribbed reflectors with finished Sany Gery and white Fluoracite reflectors.

Economy fixtures have plain cast-aluminum finish, white Fluoracite reflecting, two No. 40 and caps for standard installation.

Both are for the 40-watt T-12 fluorescent lamp wired with 125 volts high power factor ballasts. Write for complete Fluorescent CurtiStrip catalog.

DEEP REFLECTOR FIXTURES



Have beam-concentrating Fluoracite reflectors. They are intended for general lighting in localized direct lighting over machines, work benches and drafting tables.

Decorative type is Catalog No. 340-C. Economy type is Catalog No. 342-C. These fixtures are for continuous wired assemblies. Service two lamps. Order by Catalog No. followed by length of run required (multiples of 4 ft. only). For example: 340-C-12 ft.

SHALLOW REFLECTOR FIXTURES



Have distributing Fluoracite reflectors which spread the light over a wide area. They are for general lighting where mounted below eye level such as indirect lighting.

Decorative type is Catalog No. 344-C. Economy type is Catalog No. 346-C. These fixtures are for continuous wired assemblies. Service two lamps. Order by Catalog No. followed by length of run required (multiples of 4 ft. only). For example: 344-C-12 ft.

ASYMMETRIC REFLECTOR FIXTURES

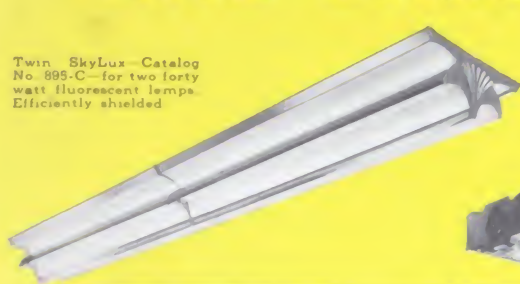


Direct the light to one side. They are for lighting drawing and vertical surfaces and have many practical industrial uses over benches and machines.

Decorative type is Catalog No. 348-C. Economy type is Catalog No. 350-C. These fixtures are for continuous wired assemblies. Service two lamps. Order by Catalog No. followed by length of run required (multiples of 4 ft. only). For example: 348-C-12 ft.

For the INDUSTRIAL OFFICE AND DRAFTING ROOM!

Twin SkyLux—Catalog No. 895-C—for two forty watt fluorescent lamps. Efficiently shielded.



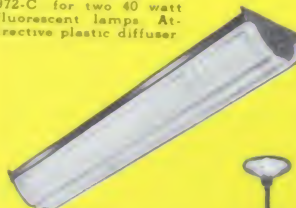
StarLux—Catalog No. 1400—for four 40 watt fluorescent lamps. Decorative pendant unit.



SilverLine—Catalog No. 1661-C—for one 100 watt fluorescent lamp. Very efficient ceiling unit.



PlastiLux—Catalog No. 972-C for two 40 watt fluorescent lamps. Attractive plastic diffuser.



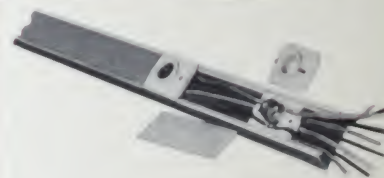
Discus—for use with Silvered Bowl lamps. Catalog No. 1020 for 500 or 300 watt lamps. Catalog No. 1024 for 750 or 1000 watt lamps.



Winner—fitted with an "X-Ray" Silver Mirror Reflector—Cat. No. 5090—for 500 or 300 watt lamps. Catalog No. 5095 for 750 to 1500 watt lamps.



CURTI STRIP WIRING CHANNEL



Here is a large capacity wiring channel and raceway 2½" wide and 1½" deep which facilitates installation of lighting equipment. With its standardized fittings, CurtiStrip offers unusual flexibility and a wide range of uses.



Curtis has always led the field in modern and efficient office or interior lighting. The lighting units illustrated here are inherently superior in design, material, fabrication—individually high in lighting efficiency. Engineering features which augment these qualities as well as minimize the cost and effort of installation and maintenance, are incorporated in each Curtis product. Contact the factory or our nearest representative for further literature and see how your office can benefit from these nationally famous luminaires.

CURTIS LIGHTING, INC.

6135 WEST 65TH STREET...CHICAGO

PORTSMOUTH 6100